

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	("20020099135" "20040126607" "20050077413" "3639147" "5678613" "5983473" "6958127").PN.	USPAT; USOCR	OR	OFF	2008/08/14 09:43
S2	1	"09/969975".app.	US-PGPUB	OR	ON	2008/08/14 09:46
S3	1	10/664529.app.	US-PGPUB	OR	ON	2008/08/14 09:47
S4	1	10/491007.app.	US-PGPUB	OR	ON	2008/08/14 09:47
S5	1	("5279336").PN.	USPAT; USOCR	OR	OFF	2008/08/14 10:02
S6	23	("4252157" "4834148" "4947902" "4953598" "5217049").PN. OR ("5279336").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 10:02
S7	1	10/550959.app.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 10:47
S8	29	((TAKAHIRO) near2 (NAGAOKA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 11:33
S9	33	((ICHIRO) near2 (KUSAKARI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 11:37
S10	98	"140"/\$.ccls. and (binding or winding) and (reel or bobbin) and (sensor or detector or indicator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 12:41
S11	2989	"242"/\$.ccls. and (binding or winding) and (reel or bobbin) and (sensor or detector or indicator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 12:41

S12	2352	"242"/\$.ccls. and (binding or winding) and (reel or bobbin) and (sensor or detector or indicator) and rotation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 12:42
S13	1998	"242"/\$.ccls. and (binding or winding) and ((reel or bobbin) same (sensor or detector or indicator))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 12:51
S14	794	"242"/\$.ccls. and (binding or winding) and ((reel or bobbin) near5 (sensor or detector or indicator))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 12:51
S15	616	"242"/\$.ccls. and (binding or winding) and ((reel or bobbin) near5 (sensor or detector or indicator)) and rotation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 12:52
S16	66	"242"/\$.ccls. and (binding or winding) and ((reel or bobbin) near5 (sensor or detector or indicator)) and rotation and (twist or twisting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 12:52
S17	1	10/491007.app.	US-PGPUB	OR	ON	2008/08/14 12:59
S18	14	("2435086" "3292170" "4190216" "4236449" "4286487" "4834148" "4865087" "4878607" "5279336").PN. OR ("5515887").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 13:15
S19	1	("6338263").PN.	USPAT; USOCR	OR	OFF	2008/08/14 13:53
S22	168	140/93.6.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 14:45

S23	199	140/93A.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 14:45
S24	341	140/119.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 14:45
S25	525	140/149.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 14:45
S26	397	242/563.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 09:00
S27	276	242/563.2.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 09:00
S28	303	242/588.6.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 09:00
S29	192	242/601.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 09:00
S30	246	242/912.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 09:00
S31	23	242/913.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 09:00
S32	205	72/37.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 09:06

S33	74	72/6.1-19.9.ccls. and ((detector or sensor) near5 (reel or rotation))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 10:04
S34	334	140/93.2.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/17 13:35
S35	112	140/57.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/17 13:43
S36	1	("6401766").PN.	USPAT; USOCR	OR	OFF	2008/08/17 14:03
S37	1	("5678613").PN.	USPAT; USOCR	OR	OFF	2009/03/15 17:47
S38	1	("6125338").PN.	USPAT; USOCR	OR	OFF	2009/03/15 17:47
S39	1	("7469724").PN.	USPAT; USOCR	OR	OFF	2009/03/15 18:31
S40	43	(detect or detected or detection) near5 "wire reel"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/15 18:32
S41	1	("5874816").PN.	USPAT; USOCR	OR	OFF	2009/03/15 18:35
S42	1	(count or counting or counted) near5 "wire reel"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/15 18:51
S44	1	("7469724").PN.	USPAT; USOCR	OR	OFF	2009/03/16 09:02
S45	1	("7327056").PN.	USPAT; USOCR	OR	OFF	2009/03/16 09:03

S46	13	("20010033118" "20030108708" "4024446" "4214249" "4683410" "5177393" "5239218" "5245234" "5463263" "5532533" "5598201" "6111384" "6737781").PN. OR ("7327056").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/16 09:05
S47	20	("3293459" "3864588" "4255696" "4353016" "4509001" "4532447").PN. OR ("5239218").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/16 10:07
S48	258	700/122.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/16 10:08
S49	44	700/126.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/16 10:08
S50	13	("3145294" "4052599" "4151403" "4280159" "4335439" "4411008" "4535949" "4549268" "4635216" "4755888").PN. OR ("5136526").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/16 10:47
S51	1	("5664735").PN.	USPAT; USOCR	OR	OFF	2009/03/16 14:40
S52	1	("5310125").PN.	USPAT; USOCR	OR	OFF	2009/03/16 15:01
S53	189	((wind or winding or reel or reeling) near3 wire) and ((sense or sensor or sensing or detect or detecting) near2 (count or counting or mark))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/16 15:24
S54	1	("6338263").PN.	USPAT; USOCR	OR	OFF	2009/03/16 15:30

S55	50	(US-20060283516-\$ or US-20040244866-\$ or US-20080134908-\$ or US-20050005992-\$ or US-20050087646-\$ or US-20070227613-\$ or US-20050061389-\$ or US-20090126824-\$ or US-20060254666-\$). did. or (US-7143792-\$ or US-5983473-\$ or US- 4511424-\$ or US- 4601774-\$ or US- 5613530-\$ or US- 5826629-\$ or US- 6000443-\$ or US- 6343764-\$ or US- 7051650-\$ or US- 7147179-\$ or US- 4384531-\$ or US- 6025018-\$ or US- 4448015-\$ or US- 5515887-\$ or US- 7469724-\$ or US- 4769286-\$ or US- 7353846-\$ or US- 4368014-\$ or US- 5858138-\$ or US- 5861073-\$ or US- 5878489-\$ or US- 6041841-\$ or US- 6062265-\$ or US- 6067829-\$ or US- 6112813-\$ or US- 3591103-\$).did. or (US- 3667509-\$ or US- 3665588-\$ or US- 3794209-\$ or US- 4253570-\$ or US- 4253569-\$ or US- 4487000-\$ or US- 4516831-\$ or US- 4568008-\$ or US- 4610749-\$ or US- 4619411-\$ or US- 4828001-\$ or US- 4884958-\$ or US- 5207856-\$ or US- 5359222-\$ or US- 5435351-\$).did.	US-PGPUB; USPAT	OR	ON	2009/08/24 15:55
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S57	208	((wind or winding or reel or reeling) near3 wire) and ((sense or sensor or sensing or detect or detecting) near2 (count or counting or mark))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/25 10:05
S58	1	("5310125").PN.	USPAT; USOCR	OR	OFF	2009/08/25 10:37
S59	10	("3462091" "4022391" "4170951" "4184644" "4244539" "4848135" "5029619" "5036174" "5080295").PN. OR ("5310125").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/25 10:38
S60	32	("2900145" "3433434" "3544035" "3822831" "3951355" "4022391" "4086472").PN. OR ("4244539").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/25 12:02
S65	5	("20090126824" "5874816" "5938196" "5990919" "7147179").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/18 11:22
S70	1	("5557101").PN.	USPAT; USOCR	OR	OFF	2010/02/19 15:57
S71	425	33/707.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 16:09
S73	388	356/343.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 16:17
S74	125	356/411.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 16:18
S75	7	33/707.ccls. and reel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 16:19

S76	1	356/343,411.ccls. and reel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/19 16:48
S78	2000	(contact near2 (sensor or detector or indicator)) and binder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/02 14:32
S79	2	"140"/\$.ccls. and (contact near2 (sensor or detector or indicator)) and binder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/02 14:35
S80	2	"242"/\$.ccls. and (contact near2 (sensor or detector or indicator)) and binder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/02 14:36
S81	25	"356"/\$.ccls. and (contact near2 (sensor or detector or indicator)) and binder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/02 14:37
S82	259	((mechanical near2 switch) same (sensor or detector or indicator)) and binder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/02 14:41
S83	782	((mechanical near2 switch) same (sensor or detector or indicator)) and (binder or binding or reel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/02 14:41
S84	3	"140"/\$.ccls. and ((mechanical near2 switch) same (sensor or detector or indicator)) and (binder or binding or reel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/02 14:41

S85	20	"242"/\$.ccls. and ((mechanical near2 switch) same (sensor or detector or indicator)) and (binder or binding or reel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/02 14:43
S86	50	(US-20040244866-\$ or US-20060283516-\$ or US-20090283169-\$ or US-20050005992-\$ or US-20050087646-\$ or US-20070227613-\$ or US-20080134908-\$ or US-20090283167-\$ or US-20090283168-\$ or US-20090283170-\$ or US-20090283172-\$ or US-20100147411-\$ or US-20060254666-\$). did. or (US-7143792-\$ or US-5983473-\$ or US-4511424-\$ or US-4601774-\$ or US-5613530-\$ or US-5826629-\$ or US-6000443-\$ or US-6343764-\$ or US-7051650-\$ or US-7147179-\$ or US-4384531-\$ or US-6025018-\$ or US-4448015-\$ or US-4769286-\$ or US-7353846-\$ or US-4368014-\$ or US-5858138-\$ or US-5861073-\$ or US-5878489-\$ or US-6041841-\$ or US-6062265-\$ or US-6067829-\$ or US-6112813-\$ or US-3591103-\$ or US-3667509-\$ or US-3665588-\$).did. or (US-3794209-\$ or US-4253570-\$ or US-4253569-\$ or US-4487000-\$ or US-4516831-\$ or US-4568008-\$ or US-4610749-\$ or US-4619411-\$ or US-4828001-\$ or US-	US-PGPUB; USPAT	OR	ON	2010/08/02 16:51

		4884958-\$ or US-5207856-\$).did.				
S87	6130	(contact near2 (sensor or detector or indicator)) and (binder or binding or reel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/03 14:42
S88	14	"140"/\$.ccls. and (contact near2 (sensor or detector or indicator)) and (binder or binding or reel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/03 14:43
S89	141	"242"/\$.ccls. and (contact near2 (sensor or detector or indicator)) and (binder or binding or reel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/03 14:43
S90	163	"356"/\$.ccls. and (contact near2 (sensor or detector or indicator)) and (binder or binding or reel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/03 14:43
S91	56	"33"/\$.ccls. and (contact near2 (sensor or detector or indicator)) and (binder or binding or reel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/03 14:49
S92	503	33/1PT.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/03 14:49
S93	655	33/1N.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/03 14:49
S94	16	33/1N,1PT.ccls. and (reel or bobbin)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/03 14:51

S95	9071	(contact near2 (sensor or detector or indicator)) and (("non-contact" or (non near2 contact)) near2 (sensor or detector or indicator))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/03 15:56
S96	8960	(contact near2 (sensor or detector or indicator)) same (("non-contact" or (non near2 contact)) near2 (sensor or detector or indicator))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/03 15:57
S97	8930	(contact near2 (sensor or detector or indicator)) with (("non-contact" or (non near2 contact)) near2 (sensor or detector or indicator))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/03 15:57
S98	6	"140"/\$.ccls. and ((contact near2 (sensor or detector or indicator)) with (("non-contact" or (non near2 contact)) near2 (sensor or detector or indicator)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/03 15:58
S99	3436	"contact sensor" with "non-contact sensor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/03 16:00
S100	3	"140"/\$.ccls. and "contact sensor" with "non-contact sensor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/03 16:00
S101	3454	"contact sensor" with ("non-contact" near2 sensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/03 16:01
S102	451	242/614.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/04 15:49

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S107	100	((wire near2 reel) and (detect\$4 or sensor)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/08/08 17:45
S108	26	((wire near2 reel) and flange and (boss or concave or recess)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/08/08 19:38

8/ 8/ 2010 7:51:15 PM**H:\ EAST\ Workspaces\ 10550595.wsp**